A good title identifies the subject and purpose of the Dryland Grain Sorghum Water Use, Light Interception, and Growth Responses to Planting Geometry study. Use common names of crops where possible, and avoid abbreviations. Length is 12 words or less. Author(s). J.L. Steiner ABSTRACT Abstract < 250 words for papers and < 150 words for notes. Identify crops or organisms involved, soil type, chemicals, and other details important for using results. Do not cite figures, tables, or references. Avoid equations. Crop yields are primarily water-limited under dryland production Reasons for conducting this research Rationale system in semiarid regions. Goal to be obtained. Objectives This study was conducted to determine whether the growing season water balance could be manipulated through planting geometry. Methods The effects of row spacing, row direction, and plant population on Procedures to be used. the water use, light interception, and growth on grain sorghum [Sorghum bicolor (L.) Moench] were investigated at Bushland, TX on a Pullman clay loam (fine, mixed, thermic Torertic Paleustoll). Major findings of your experiments. Results In 1983, which was a dry growing season, narrow-row spacing and higher population increased seasonal evapotranspiration (ET) by 7 and 9%, respectively, and shifted the partitioning of ET to the vegetative period. Medium population crops yielded 6.2 and 2.3 Mg/ha of dry matter and grain, respectively. High population resulted in high dry matter (6.1 Mg/ha) and low grain yield (1.6 Mg/ha), whereas low population resulted in low dry matter (5.4 Mg/ha) and high grain yield (2.3 Mg/ha). Row direction did not affect water use or yield. In 1984, dry matter production for a given amount of ET and light interception was higher in the narrow-row crops. Evapotranspiration was less for a given amount of light interception in the narrow-row crops and in the northsouth row crops. Relevant usefulness of your studies. Conclusions Narrow-row planting geometry appears to increase the partitioning of ET to the transpiration component and may improve the efficiency of dryland cropping systems. period. Narrow-row planting geometry increases ET. Use to denote a full stop at the end of a statement. comma, Narrow-row planting geometry increases ET, but can reduce yields. To indicate a break or pause, use a comma. semicolon; High populations increased dry matter; lower evapotranspiration Used to link within a sentence two independent clauses. was also noted. colon : The Planting dates were as follows: September 29 at Mead; Use to introduce an ensuing list. October 10 at Lincoln. parenthesis () Narrow-row planting geometry increased partitioning of ET. Used to clarify meaning and add additional information. There must be two. (It also increased water use efficiency.) Indicates that the listed items are not the complete list. etc. Row direction, water use, ET, light interception, etc., all affected final grain yield. abbr. Latin exempli gratia (for example). e.g. Narrow-row spacing also affected other parameters, e.g., plant population. abbr. Latin id est (that is). i.e. Water use and light interception; i.e., canopy radiation capture, were correlated. abbr. Latin et alii (and others). et al. Smith et al. (2006) or (Smith et al., 2006)

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